

Navy Entomology Community Resume – 1998

Significant Positions Held

- Deputy Assistant Chief for Operational Medicine and Fleet Support, BUMED
- Commanding Officer, Naval Submarine Medical Research Laboratory, Groton, CT
- Commanding Officer, 2nd Medical Battalion, Camp Lejeune
- Officer in Charge, Naval Health Care Support Office, Norfolk, VA
- Officer in Charge, Disease Vector Ecology and Control Center, Bangor, WA
- Officer in Charge, Disease Vector Ecology and Control Center, Jacksonville, FL
- Naval Liaison Officer, U.S. Army Medical Research and Materiel Command, Fort Detrick, MD
- Research Liaison Officer, Armed Forces Pest Management Board, Office of the Deputy Under Secretary of Defense for Environmental Security
- Medical Programs Officer, Marine Corps Combat Development Command, Quantico
- Medical Planner, I Marine Expeditionary Force
- Assistant Professor, Uniformed Services University of the Health Sciences, Bethesda

Major Deployments

- Operation CENTAM Relief, Honduras - 2
- Operation Desert Thunder, Kuwait
- Operation Cobra Gold, Thailand - 2
- Native Fury 98, Kuwait
- Strong Resolve 98, Norway
- JTF Full Provider (Hurricane Georges), Puerto Rico
- JTF Guatemala (Hurricane Mitch), Guatemala
- JTF Build Hope (Hurricane Mitch), Nicaragua

Pest Management Program Reviews – 55

Environmental Security Reviews - 5

Technical Assist Visits - 371

Rodent-Borne Disease Assessment Surveys – 5

Professional Publications (Navy Entomologists **Bolded**)

- ◆ **Claborn, D.M.** and E. Ledbetter. 1998. Teaching Preventive Medicine for Deployed Units: The Operational Preventive Medicine Course. *Navy Medicine*.
- ◆ **Cope, S.E.** (Production Editor). 1998. Navy Medical Department Pocket Guide to Malaria Prevention and Control. Technical Manual NEHC-TM6250.98-2. *Navy Environmental Health Center*.
- ◆ **Cope, S.E., S. M. Presley and M.J. Bangs.** 1998. Bug Off – US Military Entomologists Fight Front-line Battles Against Ancient Foes – Rats, Mosquitoes, & Other Critters. *Armed Forces Journal International*.
- ◆ **Cope, S.E.,** R.C. Russell and A.J. Yund. 1998. Chasing Arboviruses During a Military Exercise. *Wing Beats*.
- ◆ Fernandez, R., E.B. Galati, F. Carbajal, **M.T. Wooster** et al. 1998. Notes on the Phlebotomine sand flies from the Peruvian Southeast – I. Description of *Lutzomyia (Helcocyrtomyia) adamsi* n. sp. (Diptera: Psychodidae). *Mem. Inst. Oswaldo Cruz*.
- ◆ Fryauff, D.J., T. Sekar, A. Mardi, S. Masbar, R. Patipelohi, B. Leksana, K. Kain, **M.J. Bangs** et al. 1998. Chloroquine resistant *Plasmodium vivax* in transmigration settlements of West Kalimantan, Indonesia. *Am. J. Trop. Med. Hyg.*
- ◆ Mills, J.N., J.M. Johnson, T.G. Ksiazek, B.A. Ellis, P.E. Rollin, T.L. Yates, **M.O. Mann,** M.R. Johnson, M.L. Campbell, J. Miyashiro, M. Patrick, **M. Zyzak, D. Lavender, M. Novak** et al. 1998. A survey of hantavirus antibody in small-mammal populations in selected United States national parks. *Am. J. Trop. Med. Hyg.*
- ◆ Mohareb, E.W., H.A. Hanafi, E.M. Mikhail, **S.M. Presley** et al. 1998. Evaluation of an indirect immunofluorescence assay for the detection of *Leishmania* promastigotes and amastigotes in sand flies and lesion fluid aspirates. *J. Egypt. Soc. Parasitol.*
- ◆ Watts, D.M, J. Callahan, C. Rossi, M.S. Oberste, J.T. Roehrig, **M.T. Wooster,** et al. 1998. Venezuelan equine encephalitis febrile cases among humans in the Peruvian Amazon River Region. *Am. J. Trop. Med. Hyg.*

Articles for Newsletters, Bulletins, Base Newspapers, etc. - 28

Professional Presentations

- *The Role of Medical Entomology in Preventive Medicine Support to Operational Forces: A Global Perspective.* Asia/Pacific Military Medicine Conference, Auckland, New Zealand.
- *Preventive Medicine Predeployment Awareness for Saudi Arabia and Baharain.* Coalition Special Warfare Group.
- *USMC Health Service Support Capabilities and Future Concepts.* Senior Leadership Development Course.
- *First Aid for Snakebite: Myths, Folklore and Current Concepts.* Ohio Mosquito Control Association.
- *Survey of Phlebotomine Sand Flies in Eastern Sicily.* Mid-Atlantic Mosquito Control Association (MAMCA).

- *The Civil War: Public Health Perspectives.* Keynote Address, MAMCA.
- *El Nino and Malaria in the Highlands of Irian Jaya, Indonesia.* Asia/Pacific Military Medicine Conference, Auckland, New Zealand.
- *Why We Need Mosquito Control: A Compendium of Emerging Diseases.* Keynote Address, Georgia Mosquito Control Association.
- *To Spray or Not to Spray: Decision-Making in the Aerial Application of Pesticides.* Mosquito and Vector Control Association of California.
- *Pesticide Reduction Through Precision Targeting.* EPA Integrated Pest Management Seminar Series.
- *Plague Epidemiology.* Armed Forces Medical Intelligence Center.
- *Introduction to Vector-borne Disease Epidemiology and Outbreak Investigation.* Outbreak Response Training, Vientiane, Lao.
- *Introduction to Emerging and Re-Emerging Zoonoses.* Outbreak Response Training, Irian Jaya, Indonesia.
- *Effects of Repeated Infestations With Pathogen-Free Ixodes scapularis nymphs on cytokine responses of BALBc and C3H/HeN Mice.* Entomological Society of America.

Professional Training

- Advanced Officer Leadership Continuum
- Joint Medical Planners Course
- Senior Medical Readiness Contingency Course
- Cold Weather Medicine Course
- Landing Force Medical Planners Course - 2
- Medical NBC Readiness Course - 2
- Medical Management of Chemical and Biological Casualties
- Medical Effects of Ionizing Radiation
- Combat Casualty Care Course
- Field Medical Service School
- Strategy and Policy – Naval War College Nonresident Program
- Seven Habits of Highly Effective People - 3
- Outbreak Response Training
- Molecular Entomology Workshop
- Insecticide Resistance Detection and Management
- Health Sector Disaster Preparedness and Response Workshop
- Biology and Control of Sand Flies
- Epidemiology of Dengue
- Diagnostic Parasitology
- Aerial Application of Pesticides Certification - 3
- Pesticide Applicator Certification - 3
- Operational Entomology Training - 2
- Completed Masters in Education Degree

Professional Service

- Navy Secretariat, Armed Services Biomedical Research, Evaluation, and Management Committee
- Chair, Contingency Advisory Group, Armed Forces Pest Management Board (AFPMB)
- Chair, Medical Entomology Committee, AFPMB
- Chair, Stored Products Pests Committee, AFPMB
- President, Mid-Atlantic Mosquito Control Association (MAMCA)
- Vice-President, Virginia Mosquito Control Association
- Co-Chair, Public Relations/Education Committee, American Mosquito Control Association
- Co-Chair, National Mosquito Control Awareness Week
- Auditing Committee, MAMCA
- On-Site Coordinator, DoD Tri-Service Pest Management Workshop
- Program Coordinator, DDR&E Annual Technology Area Review and Assessment
- Program Coordinator, DoD-USDA Review of Pest Management Research
- Program Coordinator, DoD Tri-Service Pest Management Workshop
- Proposal Reviewer, Defense Advanced Research Projects Agency (DARPA)
- Adjunct Graduate Faculty, National University
- Associate Editor, *Wing Beats Magazine*
- Manuscript Reviewer, *Journal of Medical Entomology*
- Manuscript Reviewer, *Journal of the American Mosquito Control Association*
- Manuscript Reviewer, *American Journal of Tropical Medicine and Hygiene* - 2
- Manuscript Reviewer, *Florida Entomologist* - 2

Awards Received

- Defense Meritorious Service Medal
- Meritorious Service Medal -2
- Navy and Marine Corps Commendation Medal - 6
- Army Commendation Medal
- Navy and Marine Corps Achievement Medal
- Armed Forces Expeditionary Medal
- Meritorious Unit Commendation
- Armed Forces Service Medal - 3
- Expert Rifleman Medal
- Sea Service Deployment Ribbon - 2
- Navy and Marine Corps Overseas Service Ribbon - 2
- Volunteer of the Year Award – Museum of Science and History, Jacksonville, FL
- Letter of Appreciation From The President, Republic of Palau - 2

- Letters of Appreciation/Commendation - 38

Other Significant Achievements

- Awarded \$54K grant from Center of Excellence in Disaster Management and Humanitarian Assistance for project “Malaria in the Highlands of Irian Jaya, Indonesia”.
- Planned and executed Anthrax Vaccination Program for MARCENT(fwd)/I MEF(fwd) deployed to the Middle East.
- At request of PAHO, organized and implemented mosquito control mission to northern Honduras. Commanded 17-person vector control detachment that conducted 581 hours of mosquito control in 80 communities.
- Conducted CINC-funded humanitarian mission in Republic of Palau. Included over 100 hours of training to medical personnel, improvement of infectious disease diagnostic capability, and donation of mosquito surveillance and control equipment.
- Published unique and very rare finding of a human infected simultaneously with all 4 known species of human malaria parasites.
- Provided on-site technical assistance to Joint Task Force – Full Accounting in Lao.
- Provided thorough on-site disease risk assessment to naval activities in Puerto Rico following Hurricane Georges.
- Participant in multi-agency project assessing threat of arthropod-borne viruses in the Great Dismal Swamp, Norfolk, VA.
- Consultant to Defense Advanced Research Projects Agency (DARPA) for research evaluating if honeybees can be used to detect landmines.
- Appointed Component Manager for Vector Control Team of U.S. Navy Forward Deployed Preventive Medicine Units.
- Achieved a design that is 100% ready to construct new \$5.5 million Navy Disease Vector Ecology and Control Center in Bangor, WA.
- Selected for DUINS in DrPH program at Uniformed Services University of the Health Sciences.
- Selected as Pi Chi Omega Speaker for annual meeting of National Pest Control Association.
- Invited Commencement Speaker for Preventive Medicine and Psychiatric Technicians at Naval School of Health Sciences, San Diego.

Acknowledgement - LCDR Stanton E. Cope, Navy Environmental Health Center, Norfolk, compiled and produced this document. It is intended as a sampling of significant activities and accomplishments of entomologists serving in the Medical Service Corps of the United States Navy. Send comments to copese@nehc.med.navy.mil.